

Attorney Docket No.: 10319.204-US

10/537746  
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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: De Maria et al.

Confirmation No: To be assigned

Serial No.: To be assigned

Group Art Unit: To be assigned

Filed: June 6, 2005

Examiner: To be assigned

For: Galactanase Variants

**INFORMATION DISCLOSURE STATEMENT (IDS) UNDER 37 CFR 1.97(b)**

Mail Stop Amendment  
Commissioner for Patents  
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Sir:

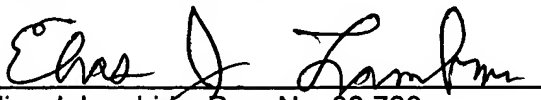
In accordance with 37 C.F.R. 1.56, 1.97 and 1.98, Applicants submit herewith references which may be material to the patentability of this application and with respect to which there may be a duty to disclose. While the references may be material under 37 C.F.R. 1.56, it is not intended to constitute an admission that the references are prior art. The filing of this IDS shall not be construed as a representation that no other material references than those listed exist or that a search has been conducted.

The references are listed in Form PTO/SB/08A, which is in accordance with the requirements of M.P.E.P. 609. A copy of the references is enclosed.

This IDS is being filed **within** three months of the filing date of a national application or date of entry into the national stage of an international application, or **before** the mailing date of a first Office action on the merits, or **before** the mailing date of a first Office action after the filing of a request for continued examination. Therefore, no fee is due.

Respectfully submitted,

Date: June 6, 2005

  
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Approved for use through 10/31/2002. OMB 0651-0031

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                 |
|   |   |    |   | Application Number       | To be assigned  |
|   |   |    |   | Filing Date              | June 6, 2005    |
|   |   |    |   | First Named Inventor     | De Maria et al. |
|   |   |    |   | Art Unit                 | To be assigned  |
|   |   |    |   | Examiner Name            | To be assigned  |
| Sheet   | 2 | of | 2 | Attorney Docket Number   | 10319.204-US    |

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| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---|-----------------------|---|----------------|
| Examiner's Initials                               | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published          | T <sup>2</sup> |
|   |                       | Ryttersgaard et al., "Crystallization and Preliminary X-Ray Studies of beta-1,4-galactanase from <i>Aspergillus aculeatus</i> ", Acta Crystallographica, Vol. D55, pages 929-930 (1999)   |                |
|   |                       | Le Nours et al., "Structure of two fungal beta-1,4-galactanases: Searching for the basis for temperature and pH optimum", Protein Science, Vol. 12, pages 1195-1204 (2003)  |                |
|   |                       | Abstract of JP 2003174892 (June 24, 2003)   |                |
|   |                       | Braithwaite et al., "Evidence That Galactanase from <i>Pseudomonas fluorescence</i> Subspecies <i>cellulosa</i> Is a Retaining Family 53 Glycosyl Hydrolase in Which E161 and E270 Are the Catalytic Residues", Biochemistry, Vol. 36, No. 49, pages 15489-15500 (1997) |                |
|   |                       | Ryttersgaard et al., " <i>Aspergillus aculeatus</i> beta-1,4-Galactanase: Substrate Recognition and Relations to Other Glycoside Hydrolases in Clan GH-A", Biochemistry, Vol. 41, No. 51, pages 15135-15143 (2002)  |                |
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